

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	81509	magnetic adj recording adj medium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:27
S2	2442614	etch or remove or mill	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:27
S3	4592000	etch\$3 or remove\$3 or mill\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:28
S4	15857	S1 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:28
S5	116	etch near both near (sides or surfaces)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:29
S6	980106	both near (sides or surfaces)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:29
S7	19955	(sides or surfaces) near simultaneous\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:37
S8	72782	S3 same (S6 or S7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:30
S9	3935	S3 near (S6 or S7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:30

## EAST Search History

S10	224	S3 near S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:34
S11	5	S10 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:34
S12	4	etch near sides near simultaneous\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:37
S13	7795884	simultaneous\$2 near etch near both sides	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 13:52
S14	7	simultaneous\$2 near etch near both near sides	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:10
S15	1	pct/jp04/11085	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:03
S16	2	"4632898".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:03
S17	2	"6653057".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:07
S18	2	"2001167420"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:08
S19	2	"2001143252"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:09

## EAST Search History

S20	98329	mask same resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:10
S21	10	(deposit near mask) same both near sides	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:11
S22	10	(deposit near mask) same (both near sides)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:52
S23	8185	recordable near medium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:52
S24	196	S23 and resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:53
S25	77	S24 and mask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:53
S26	27	S25 and divided	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:57
S27	569	manufacture near recording near medium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:57
S28	486200	recording near medium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:58
S29	79	S28 and (ion near beam near etch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:58

## EAST Search History

S30	27	S29 and resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:58
S31	23	S30 and mask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:59
S32	189765	magnetic near disk	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 15:59
S33	6012	S32 and resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:00
S34	616459	mask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:00
S35	3113	S33 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:00
S36	10	S35 and (ion adj beam adj etch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:03
S37	81509	magnetic adj recording adj medium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:04
S38	23	continuous near groves	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:04
S39	1	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:06

## EAST Search History

S40	85385	recording near layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:06
S41	106006	S40 amd hardmask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:06
S42	106006	S40 amd hardmask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:06
S43	20	S40 and hardmask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:06
S44	13	S43 and resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:09
S45	67339	data near storage near device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:11
S46	2	"6228562".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:14
S47	2	"6014296".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:22
S48	93	(ion near etch) and (simultaneous\$2 near both)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:28
S49	10	(ion near mill) and (simultaneous\$2 near both)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:26

## EAST Search History

S50	5	S49 and resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:26
S51	7	S49 and mask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:27
S52	0	S49 and recordable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:26
S53	6094	simultaneous\$2 near (remove or etch or mill)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:28
S54	2356712	(disk or record or recordable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:29
S55	888	S53 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:30
S56	1214	ion near mill	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:30
S57	67023	ion near beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:31
S58	37	S55 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:31
S59	844387	both near sides	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:41

## EAST Search History

S60	13	S58 and S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:32
S61	25	S57 near S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:35
S62	0	S60 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:33
S63	0	S61 and hardmask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:35
S64	0	"5472566,pn."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:37
S65	0	"5472566.pn."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:37
S66	2	"5472566".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:37
S67	23840	imprint	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:42
S68	550554	simultaneous	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:42
S69	2111567	simultaneous\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:42

## EAST Search History

S70	3969	S59 near S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:43
S71	2	S67 same S70	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:43
S72	28936	S59 same S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:43
S73	37	S67 same S72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:44
S74	108	resist near imprint	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:45
S75	1	S59 same S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:45
S76	10	S74 and front and back	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:46
S77	411275	(double or two) near side\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:46
S78	1712	S77 and imprint	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:46
S79	292	S78 and resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:49



## EAST Search History

S80	230	S79 and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:46
S81	94	S78 and photoresist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:52
S82	2	"20050146078"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/30 16:53
S83	1	("2005/0146078").URPN.	USPAT	OR	ON	2007/10/30 16:54
S84	5757	"20020507"	USPAT	OR	ON	2007/10/30 16:55
S85	2	10/140140	USPAT	OR	ON	2007/10/30 16:57
S86	15	imprint both sides	USPAT	NEAR	ON	2007/10/30 17:01
S87	1	"6482742".pn.	USPAT	NEAR	ON	2007/10/30 17:08
S88	77	imprint apparatus	USPAT	NEAR	ON	2007/10/30 17:08
S89	412	imprint near lithography	USPAT	NEAR	ON	2007/10/30 17:08
S90	208	S89 and apparatus	USPAT	NEAR	ON	2007/10/30 17:09
S91	15	S90 and both sides	USPAT	NEAR	ON	2007/10/30 17:09
S92	15	S90 and (both sides)	USPAT	NEAR	ON	2007/10/30 17:09
S93	4	(imprint near lithography) same (both near sides)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:27
S95	23855	imprint	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:29
S97	828132	both adj sides	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:28
S98	143	SUSS adj MicroTec	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:29

## EAST Search History

S99	18	S98 and S95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:29
S10 0	3	S99 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:34
S10 1	2	"6228562".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:34
S10 2	2	"5472566".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:51
S10 3	2	"6014296".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 08:54
S10 4	1	10/544895	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 11:58
S10 5	7043	deposition same (both near sides)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 11:58
S10 6	1881663	semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 11:58
S10 7	2890	S105 and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 11:59
S10 8	253	S107 and apparatus.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 11:59

## EAST Search History

S10 9	302	359/567	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:28
S11 1	667	359/2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:29
S11 2	82462	S109 or S110	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:31
S11 3	10408	S112 and rotate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:29
S11 4	4604	image and S113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:30
S11 5	1021921	front and back	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:30
S11 6	4805548	front or back	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:30
S11 7	10824	S112 and S115	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:30
S11 8	900	S117 and hidden	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:31
S11 9	848	S109 or S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:31

## EAST Search History

S12 0	221	S119 and S115	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:31
S12 1	60	S120 and rotate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 13:06
S12 2	8	S121 and hidden	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 12:31
S12 3	3440577	rotate or tilt or move	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 13:06
S12 4	213	S123 near hologram	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 13:06